



WATER PRV PIPING DETAIL

SCALE: NONE

PRESSURE REDUCING VALVE SIZE AND "CLA-VAL" MODEL NUMBER			
SYSTEM FLOW (GPM)	LEAD VALVE (25% OF BLDG FLOW)	LAG VALVE (75% OF BLDG FLOW)	
25-100	1"-990	1 1/2"-990	
101-200	1 1/2"-990	2"-90-01AS	
201-300	1 1/2"-90-01AS	3"-90-01AS	
301-600	2"-90-01AS	4"-90-01AB	

NOTE: DO NOT INCLUDE TABLE ON CONSTRUCTION DRAWINGS

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. SEE SHEET 3.

KEYED NOTE:

1 STACK PRV'S VERTICALLY. PRV'S MAY BE INSTALLED SIDE-BY-SIDE PROVIDING A 12" MIN CLEARANCE IS MAINTAINED.

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

NO	DATE	CLASS	REV	NO	DATE	CLASS	REV	NO	DATE	CLASS	REV
1	9-6-02	U		2	8-14-03	U		3	7-21-05	U	
GENERAL REVISION				GENERAL CHANGES & DWG NO. WAS				3"-90-01AB WAS 3"-90-01AB AND REVISED DUE TO 100% MODEL NUMBERS			
REV				AOC				DESCRIPTION			
OWN				DESIGN				CHECKED			
SUB APP				DESIGN				CHECKED			

ADTS - ENGINEERING DIVISION

ENGINEERING STANDARDS MANUAL

WATER PRV PIPING DETAIL
BUILDING SERVICE, 25-600 GPM

BLDG X	TA-X	DATE	6-28-99
DISCRETE POC: CHARLES DUMPE	APPROVED FOR RELEASE	STANDARD MANAGER: TOBIN ORICH	

Los Alamos NATIONAL LABORATORY	FOR Bldg. 1634 Los Alamos, New Mexico 87545	REVIEWER: TOBIN ORICH	DATE: 1 OF 3
PROJECT ID: CHAPTER 6	DRAWING NO: ST-D2020-2	REV: 3	